

FIG.1

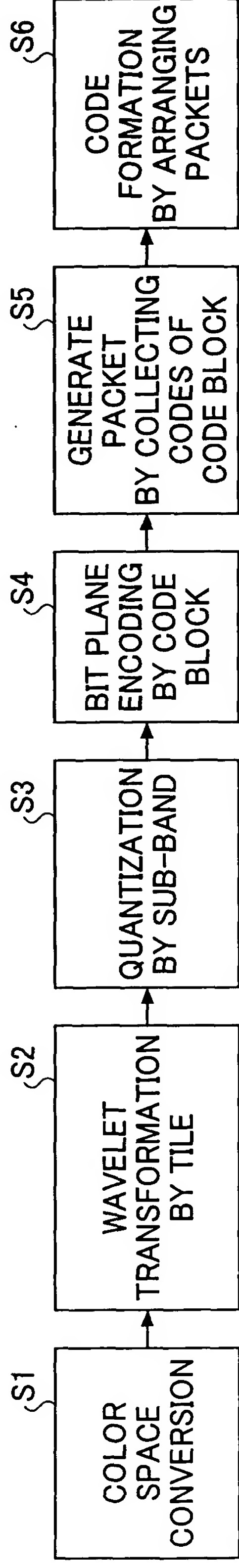
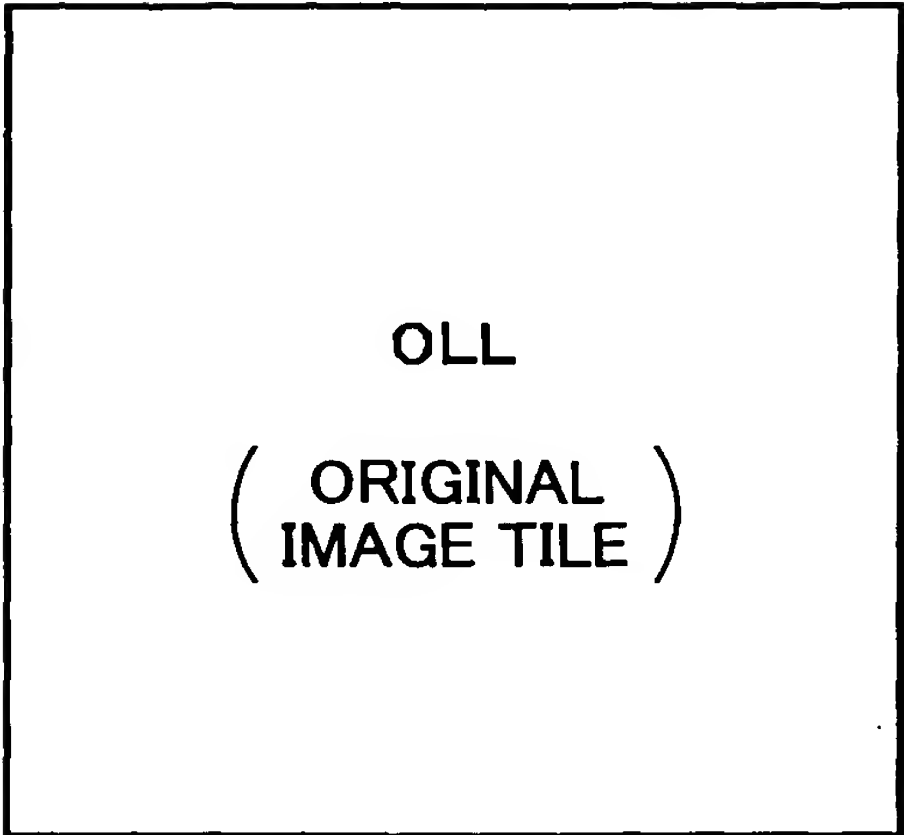
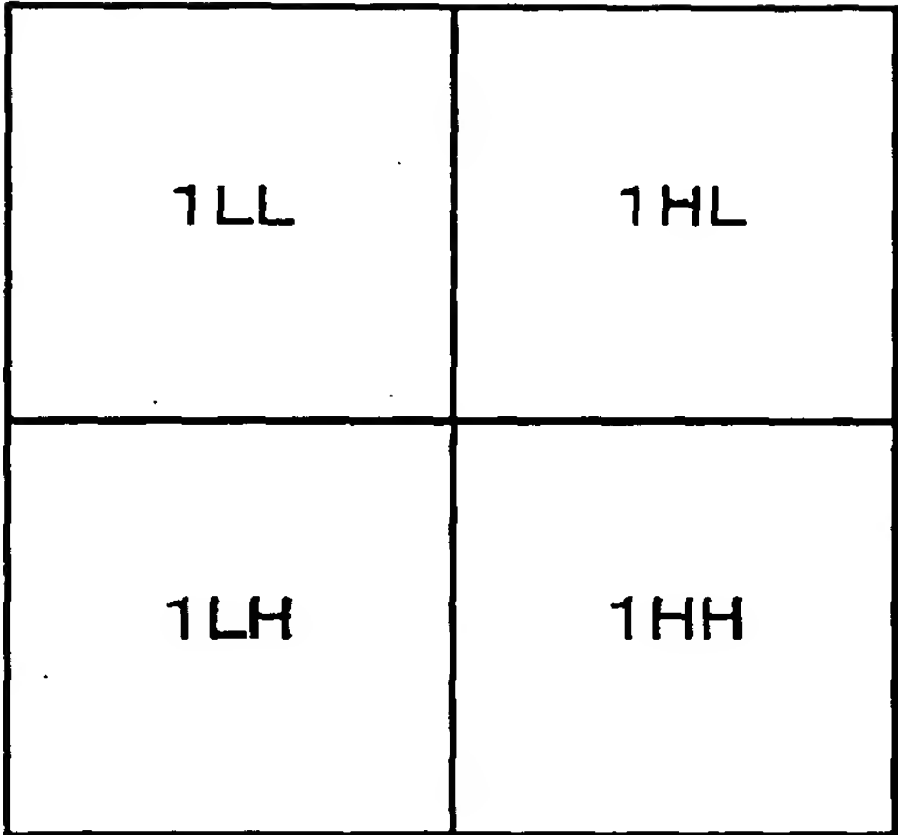


FIG.2A



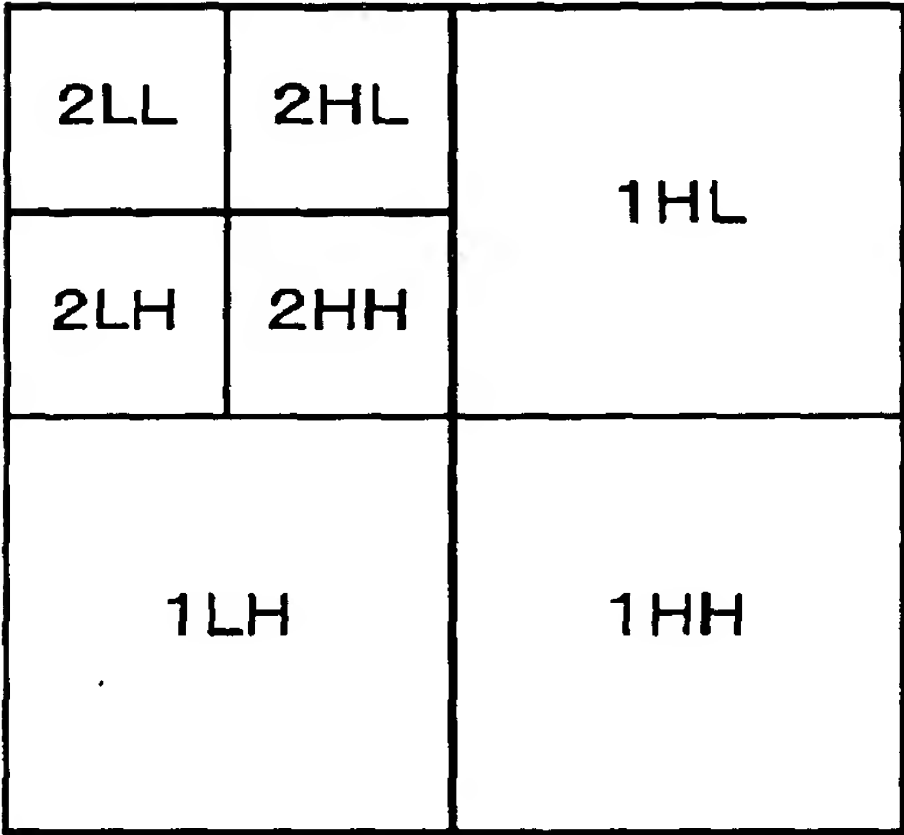
DECOMPOSITION LEVEL 0

FIG.2B



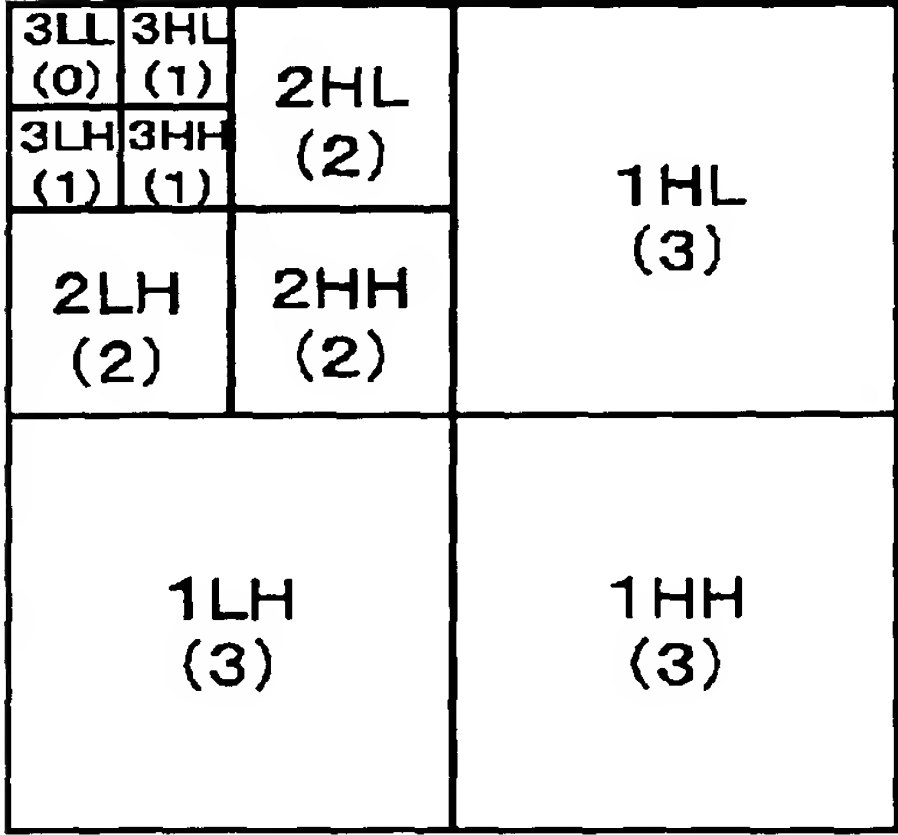
DECOMPOSITION LEVEL 1

FIG.2C



DECOMPOSITION LEVEL 2

FIG.2D



DECOMPOSITION LEVEL 3

FIG.3

CODE FORMAT

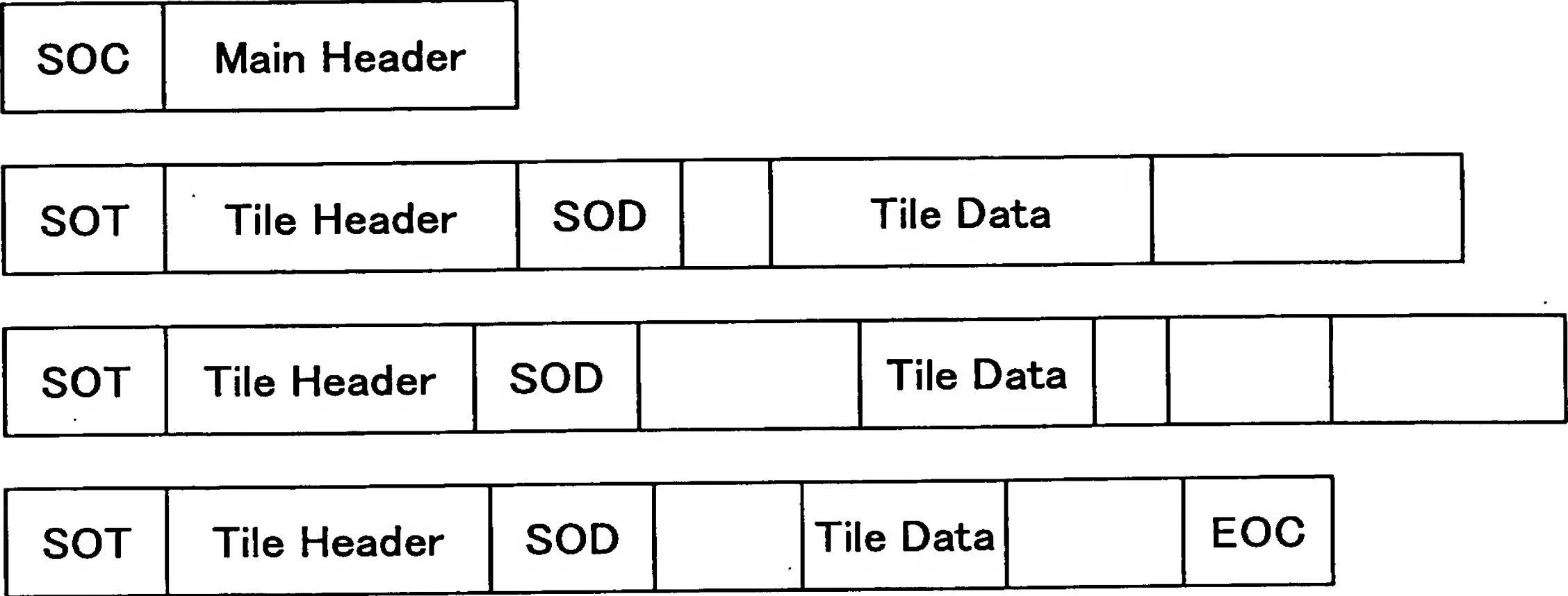


FIG.4

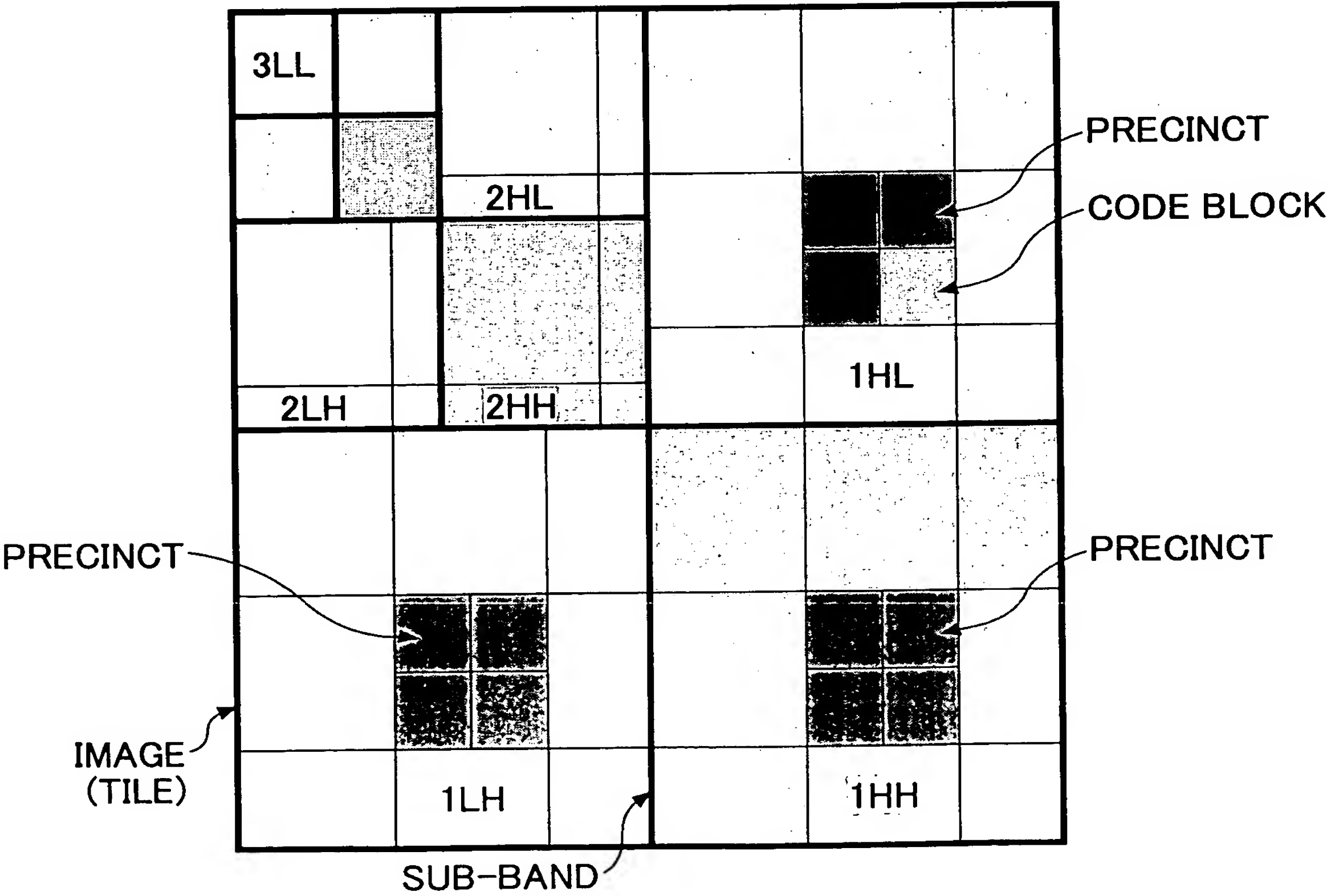


FIG. 5

SUB-BAND	2LL				2HL				2LH				2RH				1HL				1LH				1RH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3

FIG.6

LRCP PACKET 0	PACKET 1	PACKET 2	PACKET 3	PACKET 4	PACKET 5
LAYER...0	LAYER...0	LAYER...0	LAYER...0	LAYER...0	LAYER...0
RESOLUTION LEVEL 0	RESOLUTION LEVEL 0	RESOLUTION LEVEL 0	RESOLUTION LEVEL 1	RESOLUTION LEVEL 1	RESOLUTION LEVEL 1
COMPONENT 0	COMPONENT 1	COMPONENT 2	COMPONENT 0	COMPONENT 1	COMPONENT 2
PRECINCT 0	PRECINCT 0	PRECINCT 0	PRECINCT 0	PRECINCT 0	PRECINCT 0

PACKET 6	PACKET 7	PACKET 8	PACKET 9	PACKET 10	PACKET 11
LAYER...0	LAYER...0	LAYER...0	LAYER...0	LAYER...0	LAYER...0
RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2
COMPONENT 0	COMPONENT 0	COMPONENT 0	COMPONENT 0	COMPONENT 1	COMPONENT 1
PRECINCT 0	PRECINCT 1	PRECINCT 2	PRECINCT 3	PRECINCT 0	PRECINCT 1

PACKET 12	PACKET 13	PACKET 14	PACKET 15	PACKET 16	PACKET 17
LAYER...0	LAYER...0	LAYER...0	LAYER...0	LAYER...0	LAYER...0
RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2
COMPONENT 1	COMPONENT 1	COMPONENT 2	COMPONENT 2	COMPONENT 2	COMPONENT 2
PRECINCT 2	PRECINCT 3	PRECINCT 0	PRECINCT 1	PRECINCT 2	PRECINCT 3

PACKET 18	PACKET 19	PACKET 20	PACKET 21	PACKET 22	PACKET 23
LAYER...1	LAYER...1	LAYER...1	LAYER...1	LAYER...1	LAYER...1
RESOLUTION LEVEL 0	RESOLUTION LEVEL 0	RESOLUTION LEVEL 0	RESOLUTION LEVEL 1	RESOLUTION LEVEL 1	RESOLUTION LEVEL 1
COMPONENT 0	COMPONENT 1	COMPONENT 2	COMPONENT 0	COMPONENT 1	COMPONENT 2
PRECINCT 0	PRECINCT 0	PRECINCT 0	PRECINCT 0	PRECINCT 0	PRECINCT 0

PACKET 24	PACKET 25	PACKET 26	PACKET 27	PACKET 28	PACKET 29
LAYER...1	LAYER...1	LAYER...1	LAYER...1	LAYER...1	LAYER...1
RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2
COMPONENT 0	COMPONENT 0	COMPONENT 0	COMPONENT 0	COMPONENT 1	COMPONENT 1
PRECINCT 0	PRECINCT 1	PRECINCT 2	PRECINCT 3	PRECINCT 0	PRECINCT 1

PACKET 30	PACKET 31	PACKET 32	PACKET 33	PACKET 34	PACKET 35
LAYER...1	LAYER...1	LAYER...1	LAYER...1	LAYER...1	LAYER...1
RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2	RESOLUTION LEVEL 2
COMPONENT 1	COMPONENT 1	COMPONENT 2	COMPONENT 2	COMPONENT 2	COMPONENT 2
PRECINCT 2	PRECINCT 3	PRECINCT 1	PRECINCT 2	PRECINCT 3	PRECINCT 4

FIG.7

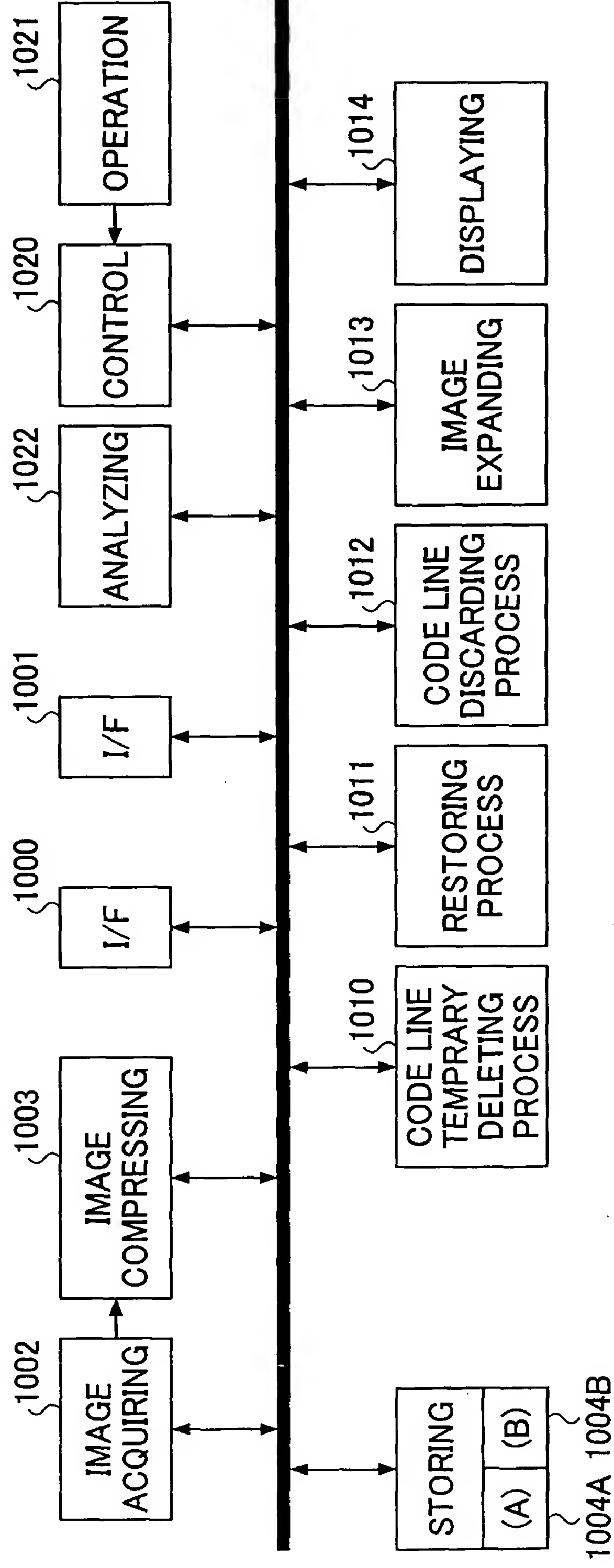


FIG.8

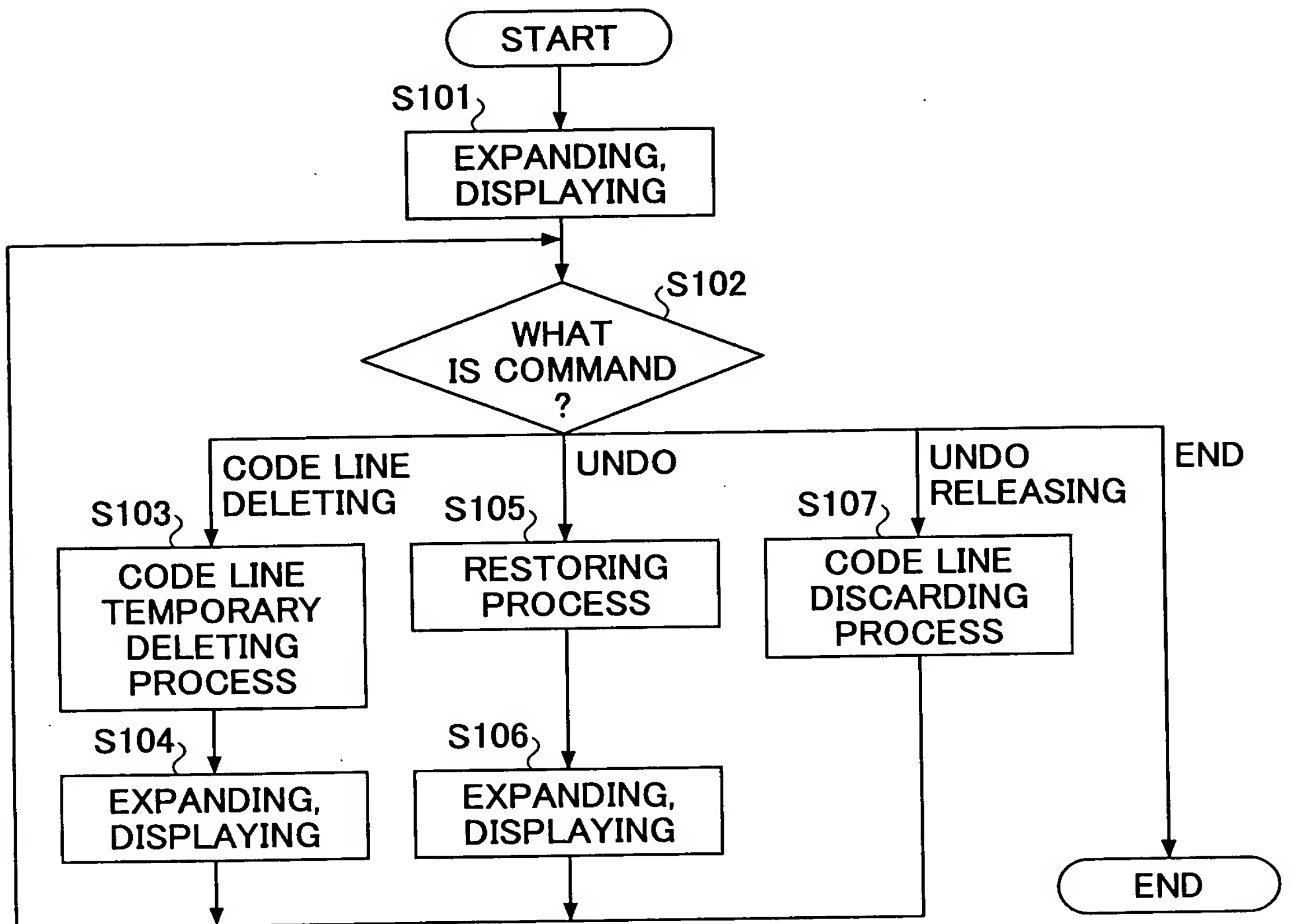


FIG.9

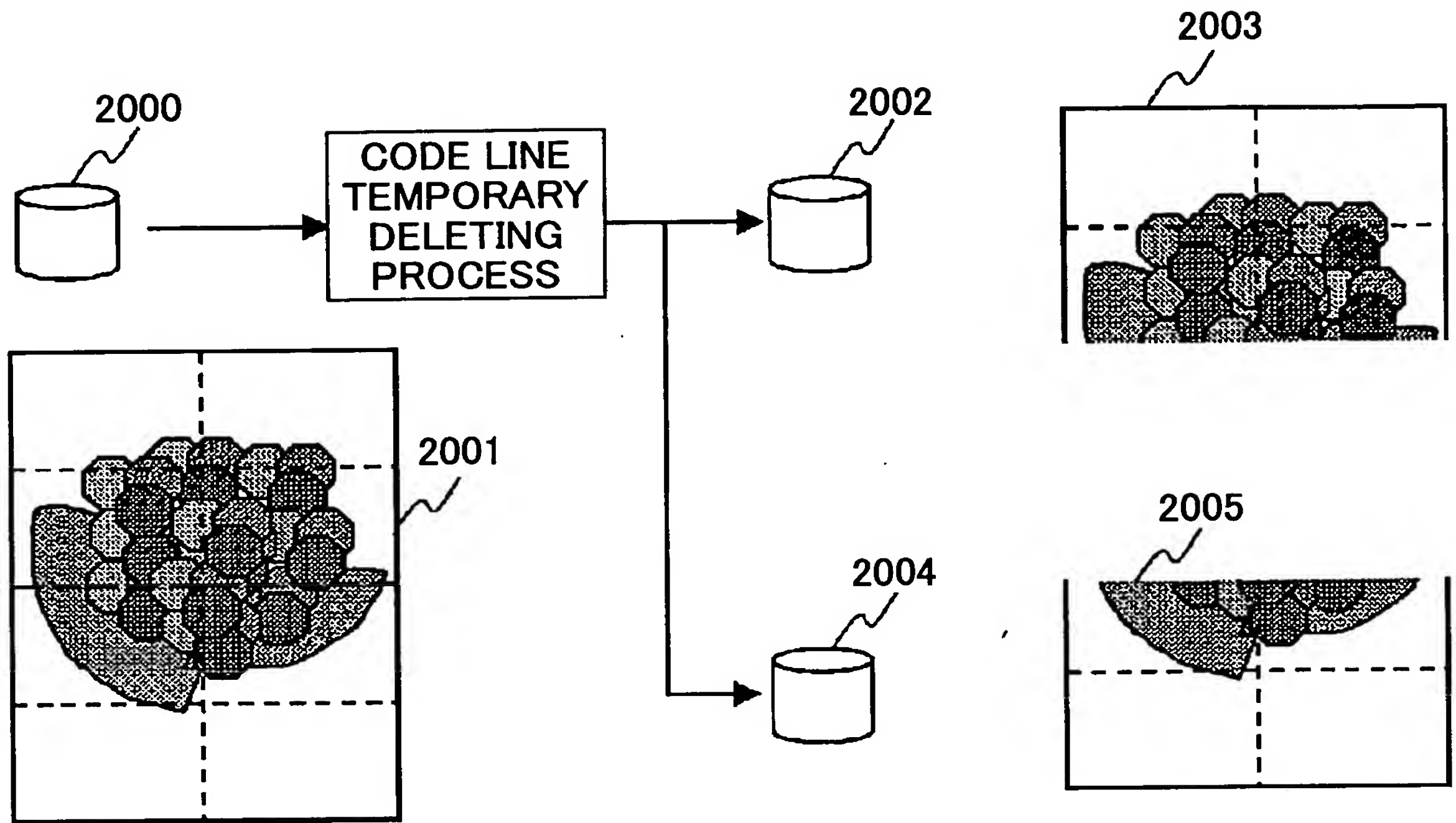


FIG.10

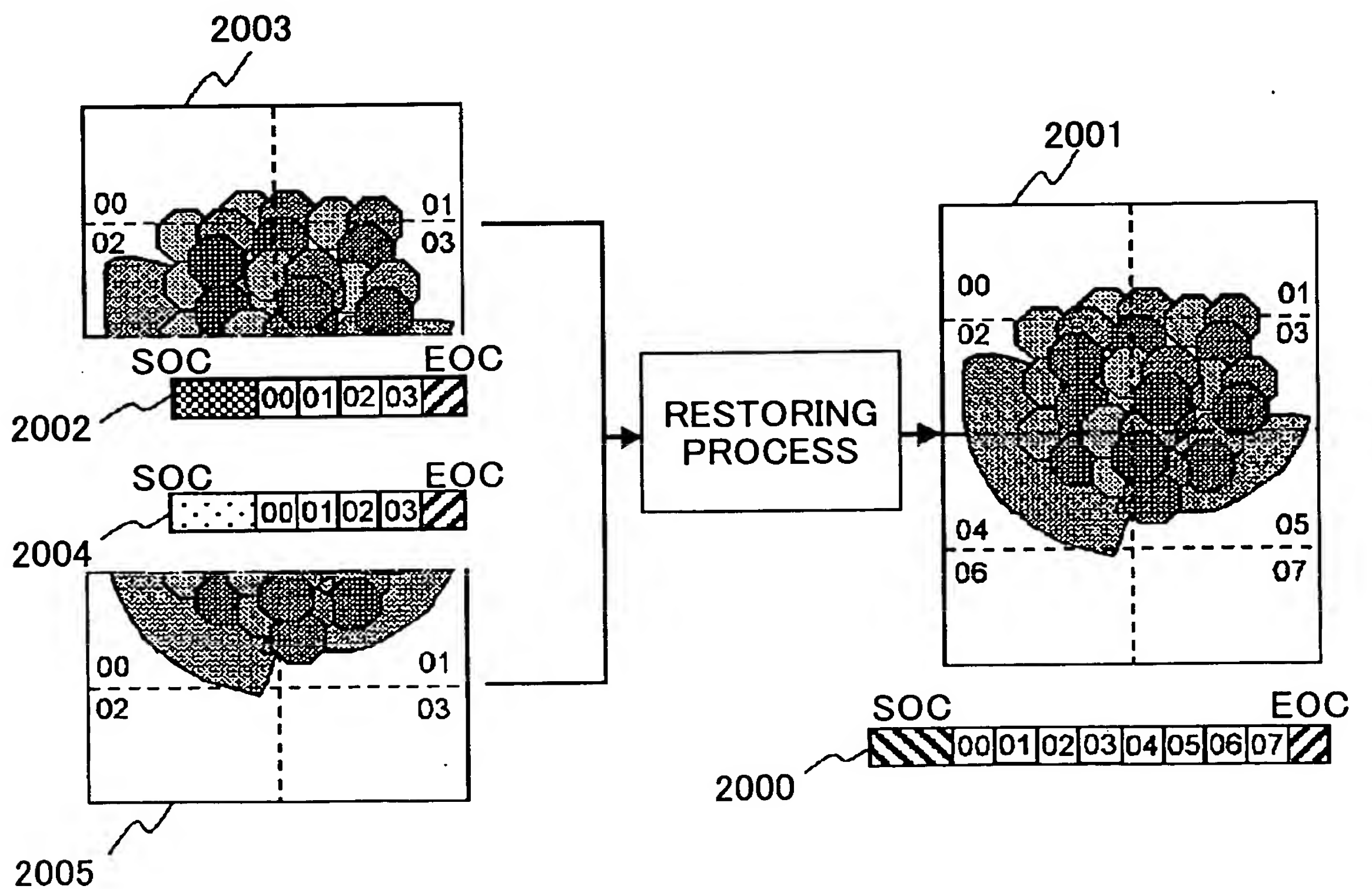


FIG.11

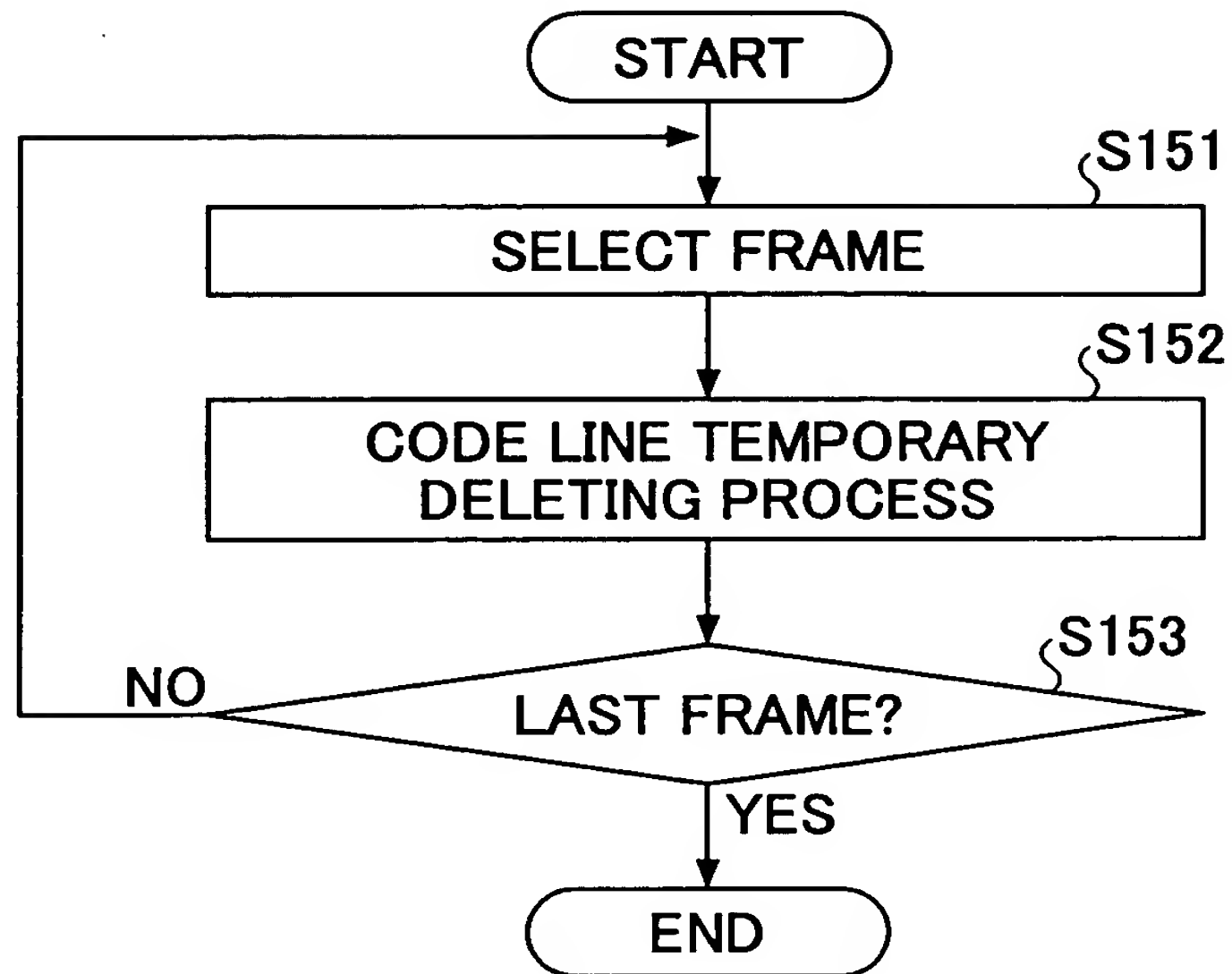


FIG.12

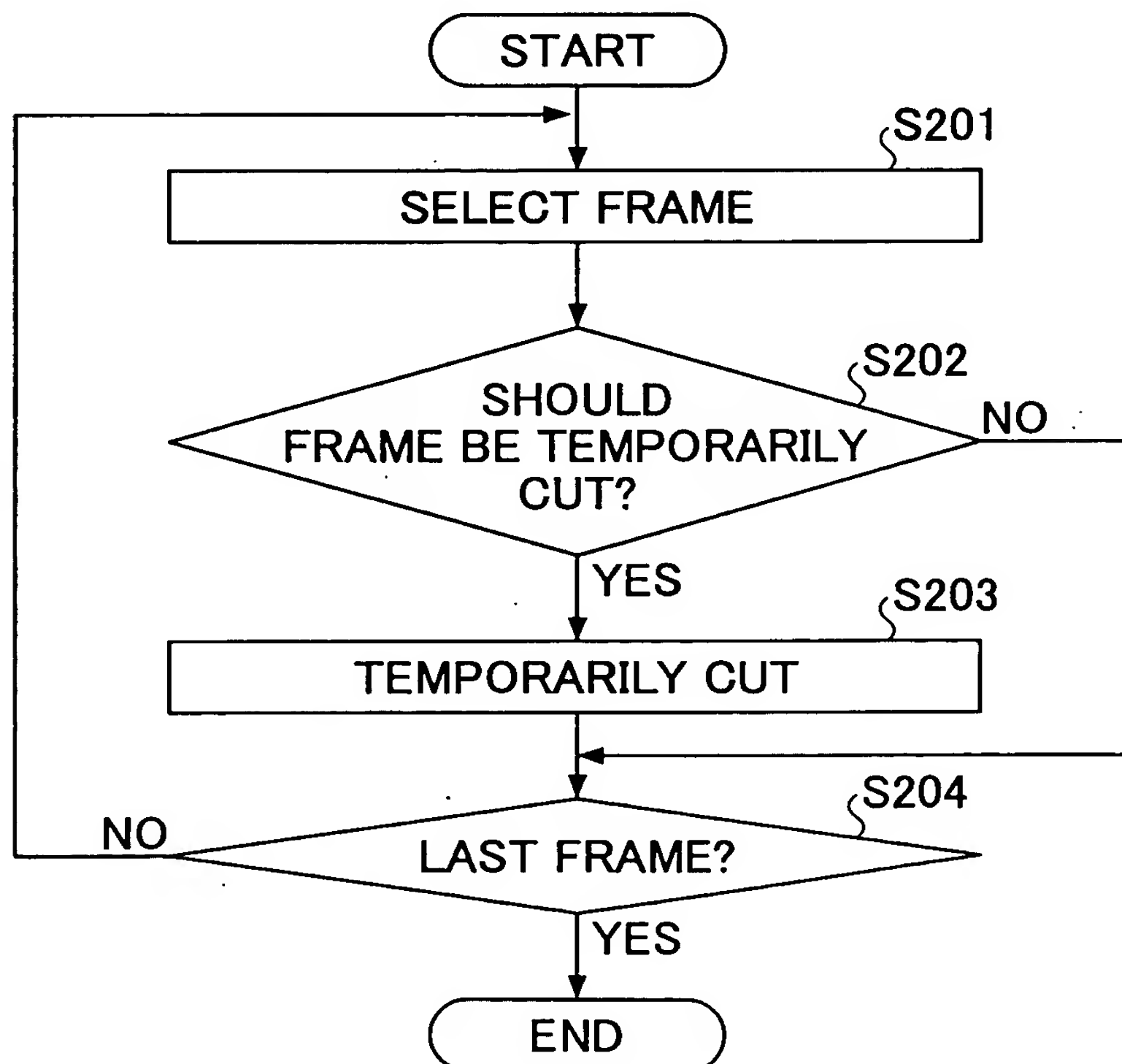


FIG.13

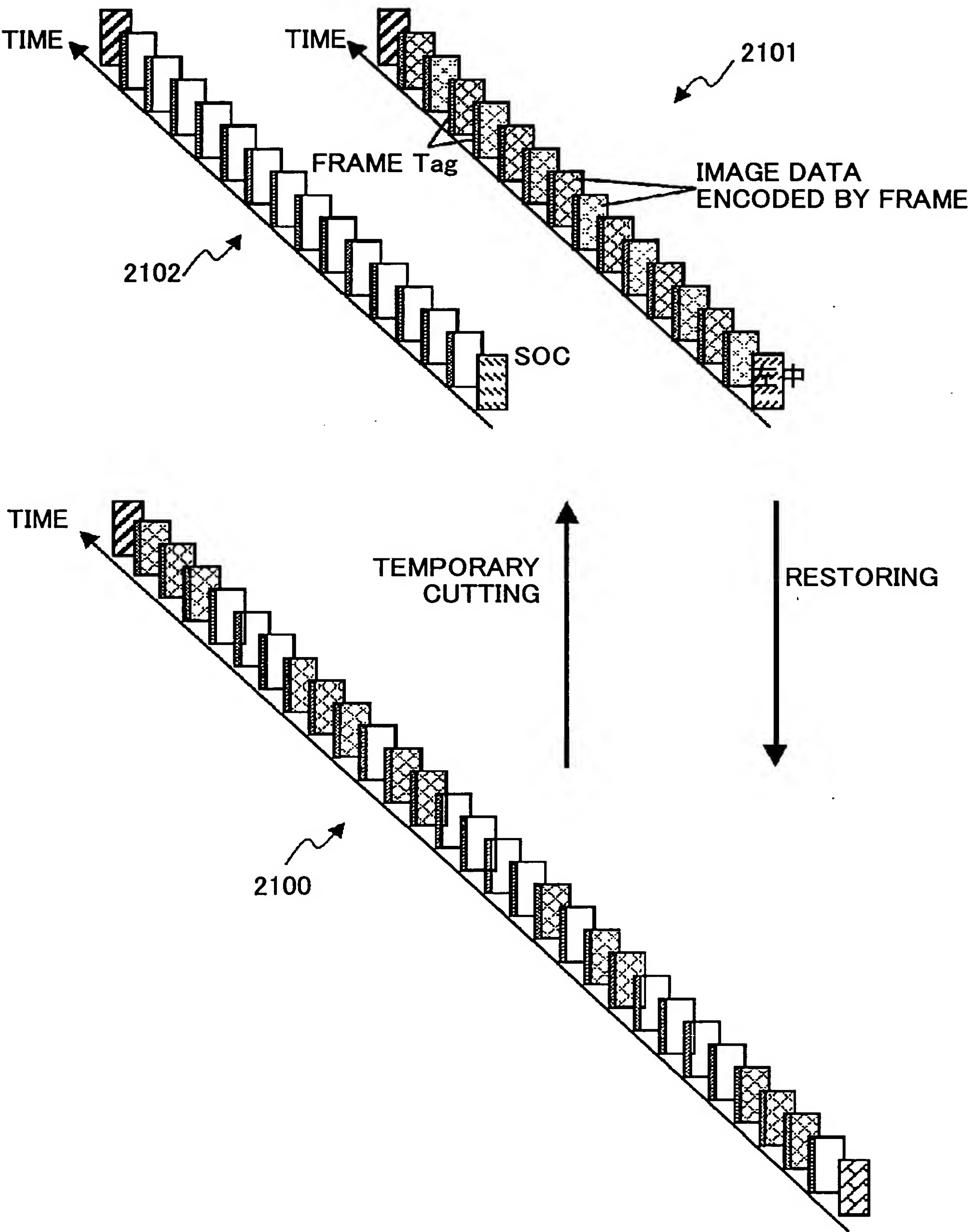
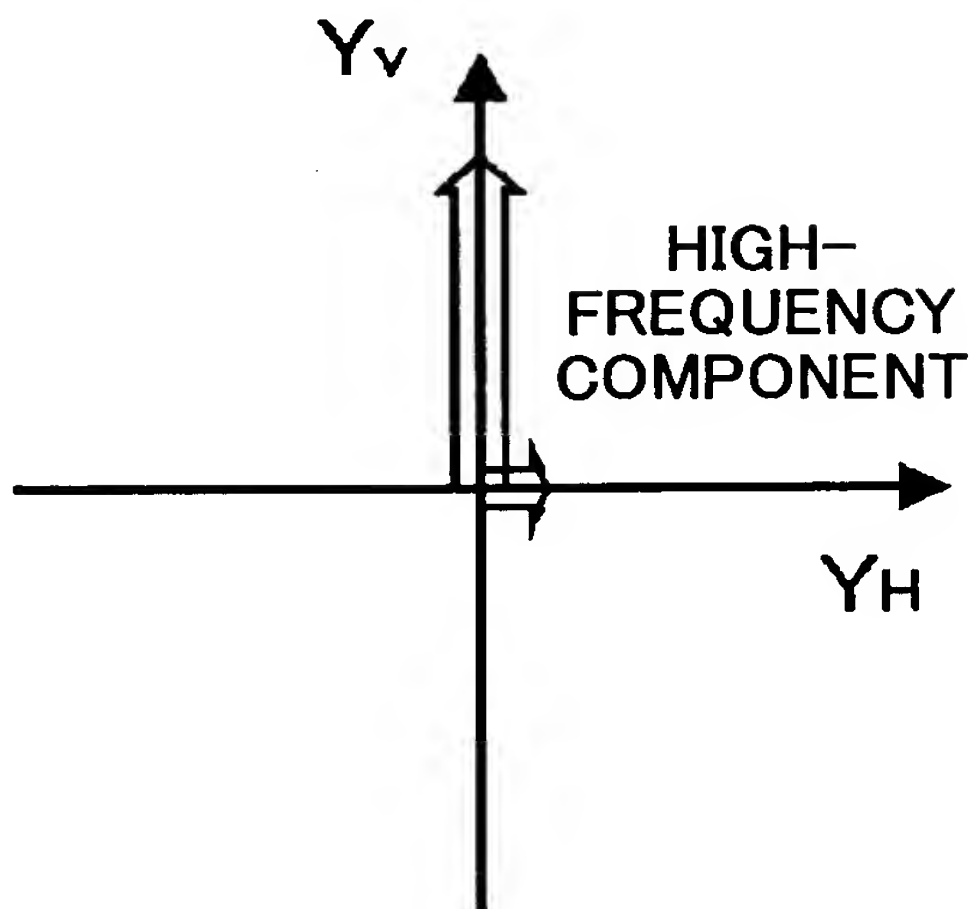
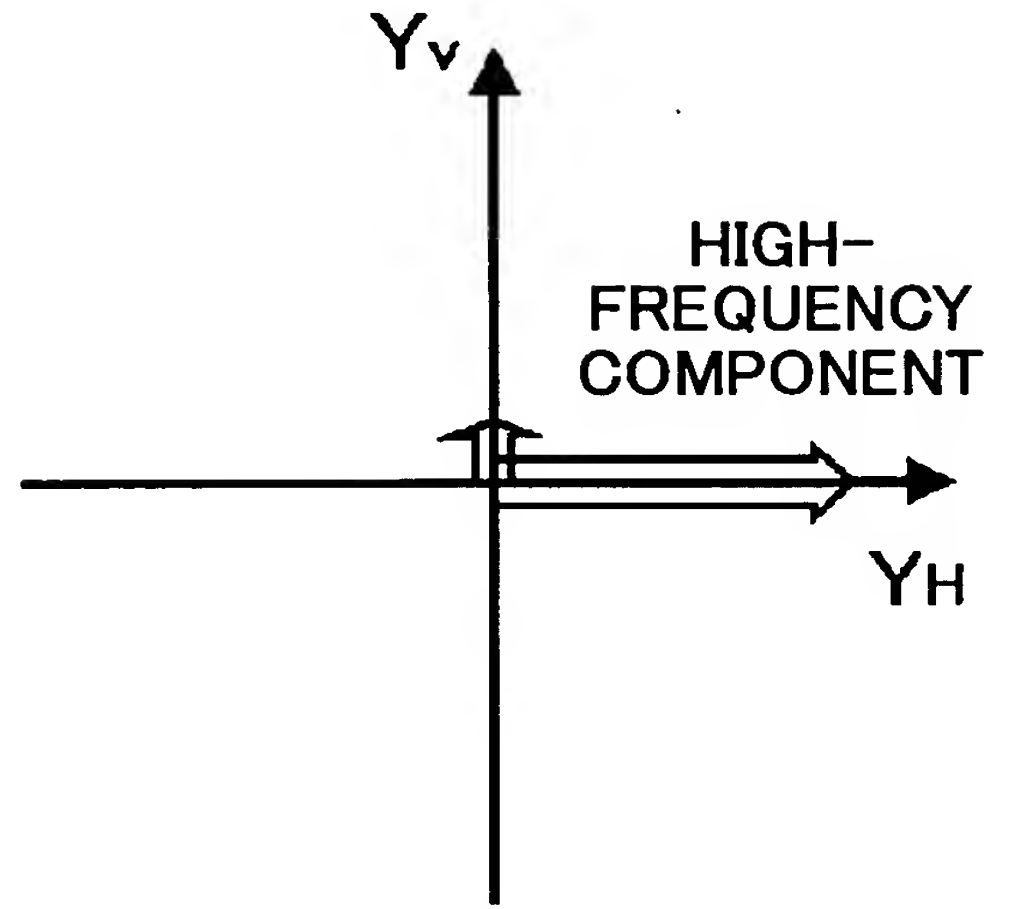


FIG.14A



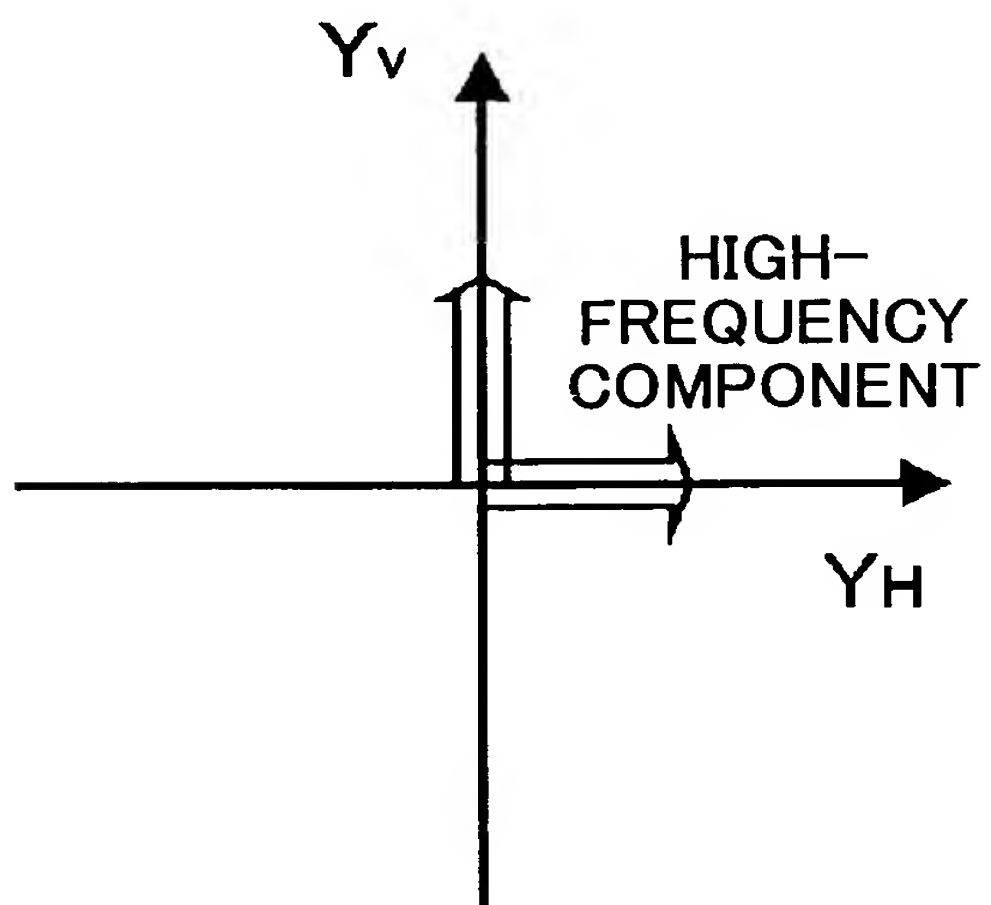
HORIZONTAL DIRECTION
CAMERA SHAKE

FIG.14B



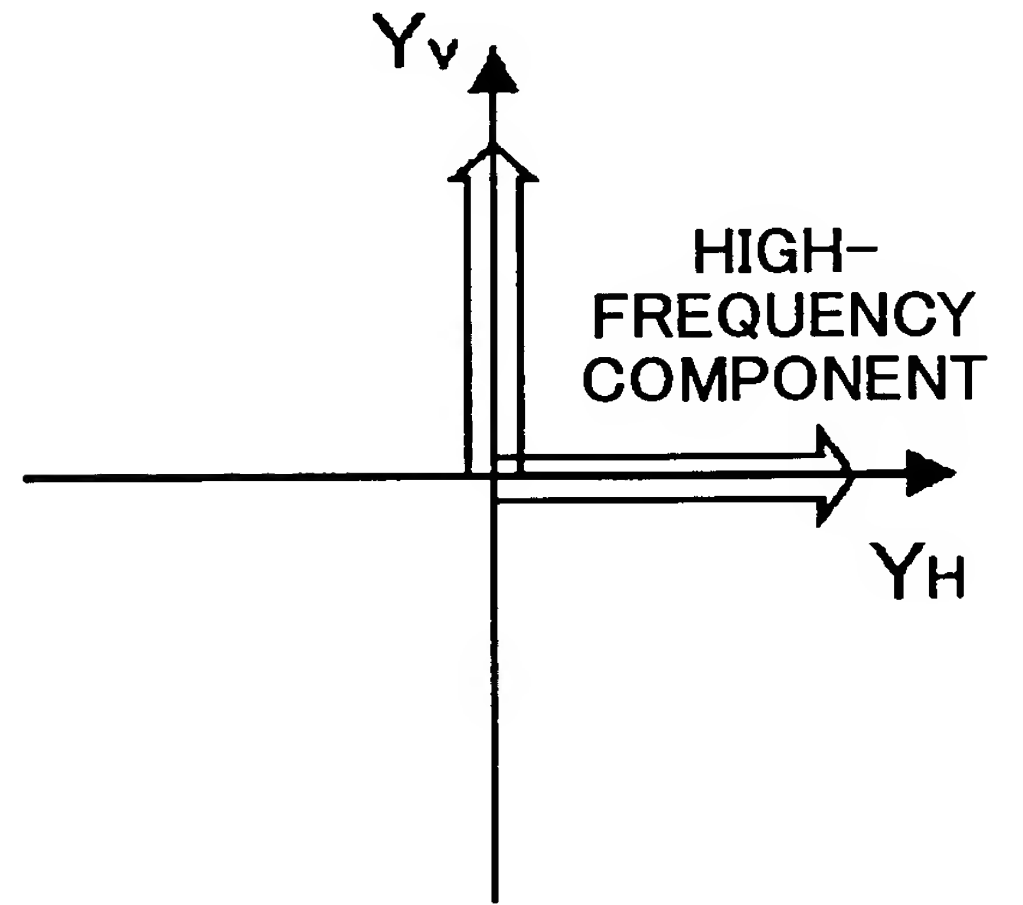
VERTICAL DIRECTION
CAMERA SHAKE

FIG.14C



OBLIQUE DIRECTION
CAMERA SHAKE

FIG.14D



NO CAMERA SHAKE

FIG.15

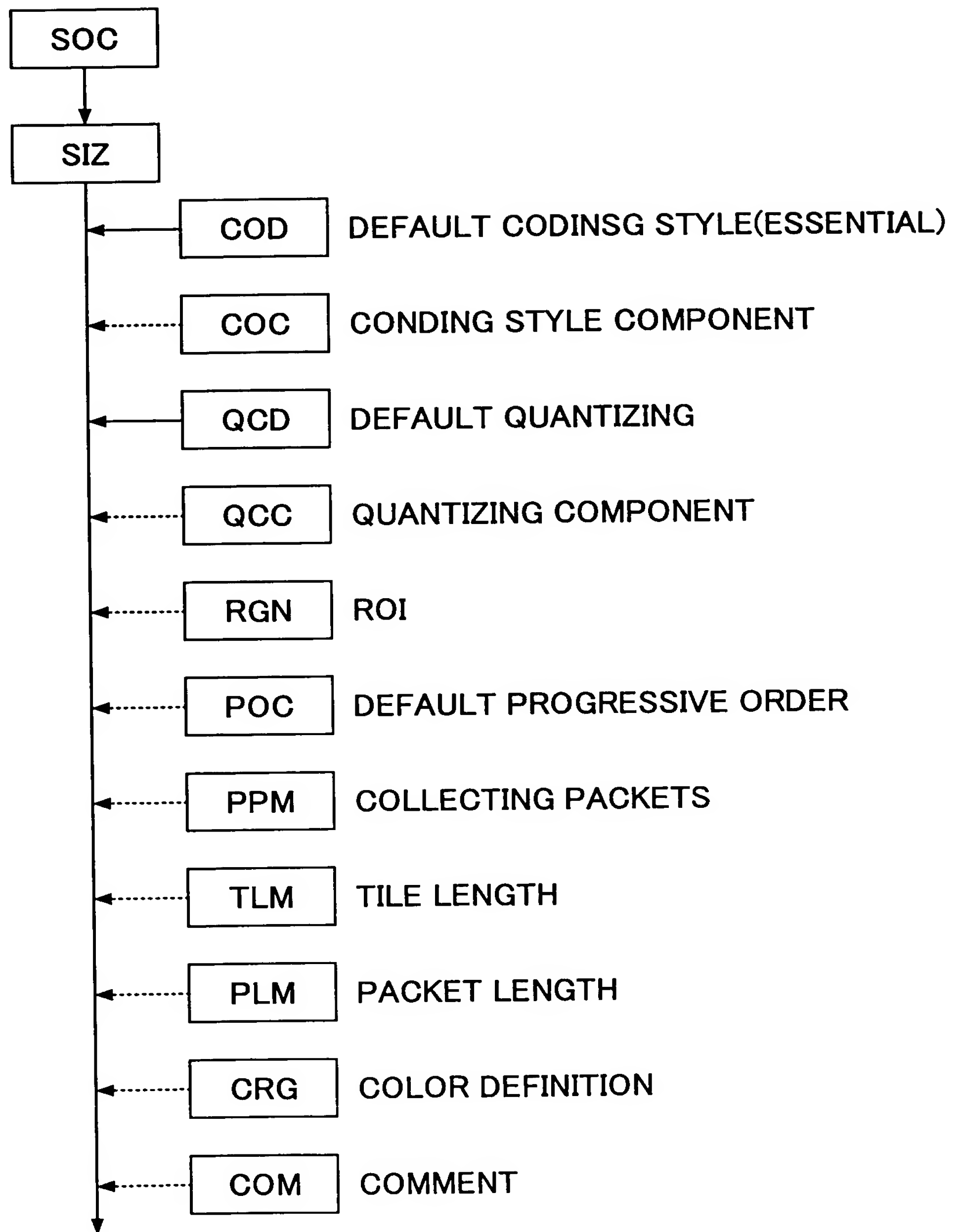


FIG.16A

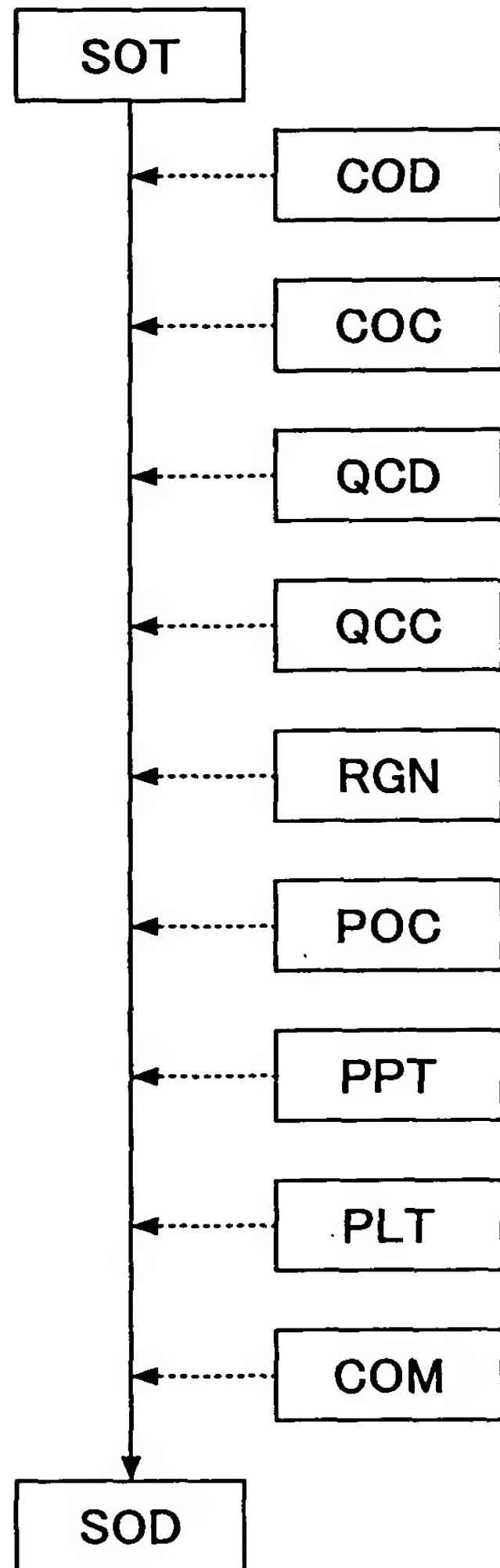


FIG.16B

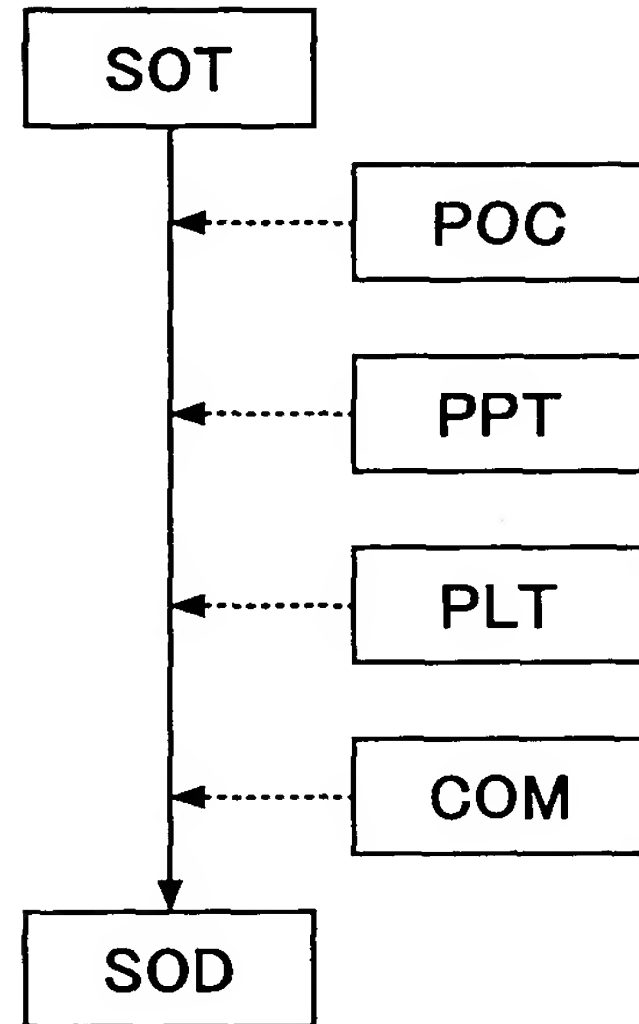


FIG.17

		Name	Code	Main header	Tile-part header
Delimiting marker segments	Start of codestream	SOC	0xff4f	ESSENTIAL	NOT ALLOWED
	Start of tile-part	SOT	0xff90	NOT ALLOWED	ESSENTIAL
	Start of data	SOD	0xff93	NOT ALLOWED	LAST MARKER
	End of codestream	EOC	0xffd9	NOT ALLOWED	NOT ALLOWED
Fixed information marker segments	Image and tile size	SIZ	0xff51	ESSENTIAL	NOT ALLOWED
Functional marker segments	Coding style default	COD	0xff52	ESSENTIAL	OPTION
	Coding style component	COC	0xff53	OPTION	OPTION
	Region-of interest	RGN	0xff5e	OPTION	OPTION
	Quantization default	QCD	0xff5c	ESSENTIAL	OPTION
	Quantization component	QCC	0xff5d	OPTION	OPTION
Pointer marker segments	Progression order change	POC	0xff5f	OPTION	OPTION
	Tile-part length, main header	TLM	0xff55	OPTION	NOT ALLOWED
	Packet length, main header	PLM	0xff57	OPTION	NOT ALLOWED
	Packet length, tile-part header	PLT	0xff58	NOT ALLOWED	OPTION
	Packed packet headers, main header	PPM	0xff60	OPTION	NOT ALLOWED
In bit stream marker segments	Packed packet headers, tile-part header	PPT	0xff61	NOT ALLOWED	OPTION
	Start of packet	SOP	0xff91	NOT ALLOWED	OPTION
	End of packet header	EPH	0xff92	NOT ALLOWED	OPTION
Information marker segments	Component registration	CRG	0xff63	OPTION	OPTION
	Comment	COM	0xff64	OPTION	OPTION

FIG.18

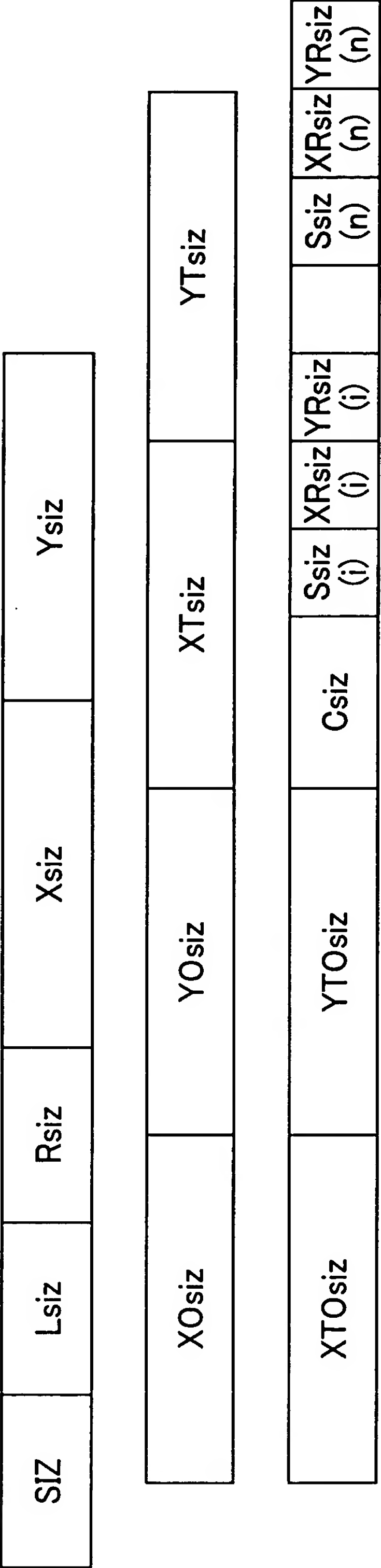


FIG.19

COD	Lcod	Scod	SGcod	SPcod
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FIG.20

COC	Lcoc	Ccoc	Scoc	SPcoc
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FIG.21

QCD	Lqcd	Sqcd	SPqcd (i)		SPqcd (n)
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FIG.22

QCC	Lqcc	Cqcc	Sqcc	SPqcc (i)		SPqcc (n)
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FIG.23

COM	Lcom	Rcom	Ccom (i)		Ccom (n)
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FIG.24

